11. 1VOV2000

Contract/Lab: All Laboratories

Species: MICE **Strain:** B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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Report Date:11/17/2008

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
				Ma	ale		
Battelle Northwest	052001106	07/21/03	729	50 (5)	37(689)	53.4	1-Bromopropane
Battelle Northwest	059601106	06/11/01	729	50 (5)	38(709)	53.9	Cumene
Battelle Northwest	059901706	08/18/03	729	50 (5)	31(686)	53.8	Diethylamine
Battelle Northwest	058800406	09/27/99	729	50 (5)	41(702)	52.2	Divinylbenzene
Battelle Northwest	059700602	06/05/00	729	50 (5)	40(709)	53.2	Methyl isobutyl ketone
Battelle Northwest	058800604	07/30/01	729	50 (5)	35(698)	54.9	alpha-Methylstyrene
Battelle Northwest	059700806	09/17/01	729	50 (5)	37(694)	53.5	Propargyl alcohol
Battelle Northwest	059302506	06/23/03	729	50 (5)	36(695)	52.9	Tetralin
				Fen	nale		
Battelle Northwest	052001106	07/21/03	731	50 (5)	36(698)	61.2	1-Bromopropane
Battelle Northwest	059601106	06/11/01	731	50 (5)	37(685)	60.7	Cumene
Battelle Northwest	059901706	08/18/03	731	50 (5)	32(684)	60.7	Diethylamine
Battelle Northwest	058800406	09/27/99	731	50 (5)	33(681)	63.0	Divinylbenzene
Battelle Northwest	059700602	06/05/00	731	50 (5)	35(695)	60.3	Methyl isobutyl ketone
Battelle Northwest	058800604	07/30/01	731	50 (5)	39(701)	58.6	alpha-Methylstyrene
Battelle Northwest	059700806	09/17/01	731	50 (5)	39(699)	58.3	Propargyl alcohol
Battelle Northwest	059302506	06/23/03	731	50 (5)	31(663)	62.1	Tetralin

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male		Female
#All Organs: Benign Tumors					
Ū		36/50 (72%) 35/50 (70%) 28/50 (56%)	43/50 (86%) 33/50 (66° 27/50 (54%) 35/50 (70° 42/50 (84%)	,	34/50 (68%) 25/50 (50%) 29/50 (58%) 26/50 (52%) 24/50 (48%)
Overall Incidence	Total	279/400 (69.75%)	Mean 69.75% SD 11.49	,	Mean 53.5% SD 7.31%
#All Organs: Malignant Tumors					
		30/50 (60%) 26/50 (52%) 22/50 (44%)	27/50 (54%) 36/50 (72' 29/50 (58%) 19/50 (38' 26/50 (52%)	,	26/50 (52%) 23/50 (46%) 30/50 (60%) 29/50 (58%) 27/50 (54%)
Overall Incidence	Total	215/400 (53.75%)	Mean 53.75% SD 10.28	3% Total 213/400 (53.25%)	Mean 53.25% SD 7.78%
#All Organs:					
Malignant and Benign Tum	iors	47/50 (94%) 43/50 (86%) 38/50 (76%)	48/50 (96%) 48/50 (96° 45/50 (90%) 43/50 (86° 47/50 (94%)	,	42/50 (84%) 41/50 (82%) 42/50 (84%) 40/50 (80%) 40/50 (80%)
Overall Incidence	Total	359/400 (89.75%)	Mean 89.75% SD 6.88%	,	Mean 81% SD 3.38%
#All Organs: Hemangioma					
, and the second		0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0% 1/50 (2%) 0/50 (0% 1/50 (2%)		0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%)
Overall Incidence	Total	3/400 (0.75%)	Mean 0.75% SD 1.04%	` ,	Mean 0.5% SD 0.93%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

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Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Route: INHALATION Vehicle: AIR

			Male				Female	
All Organs: Hemangiosarcoma								
		2/50 (4%) 6/50 (12%)	0/50 (0%) 3/50 (6%)	7/50 (14%) 4/50 (8%)		4/50 (8%) 1/50 (2%)	1/50 (2%) 3/50 (6%)	5/50 (10%) 4/50 (8%)
		2/50 (4%)	4/50 (8%)	4/30 (6/6)		2/50 (4%)	2/50 (4%)	4/30 (878)
Overall Incidence	Total	28/400 (7%)	Mean 7%	SD 4.54%	Total	22/400 (5.5%)	Mean 5.5%	SD 2.98%
All Organs:					• • • • • • • • • • • • • • • • • • • •			
Hemangiosarcoma or F	łemangioma	2/22 (424)	. (== (== (- / - 2			. (=0 (00)	= (= 0 (
		2/50 (4%) 6/50 (12%)	1/50 (2%) 4/50 (8%)	7/50 (14%) 4/50 (8%)		4/50 (8%) 2/50 (4%)	1/50 (2%) 3/50 (6%)	5/50 (10%) 5/50 (10%)
		2/50 (4%)	5/50 (8%) 5/50 (10%)	4/30 (070)		2/50 (4%) 2/50 (4%)	2/50 (4%)	5/50 (10%)
verall Incidence	Total	31/400 (7.75%)	Mean 7.75%	SD 4.2%	Total	24/400 (6%)	Mean 6%	SD 3.02%
All Organs: Histiocytic Sarcoma	•••••				•••••			
•		0/50 (0%)	0/50 (0%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	1/50 (2%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	3/50 (6%)	1/50 (2%)
	-	1/50 (2%)	0/50 (0%)	00 4 070/	-	1/50 (2%)	2/50 (4%)	00 4 770/
verall Incidence	Total	4/400 (1%)	Mean 1%	SD 1.07%	Total	10/400 (2.5%)	Mean 2.5%	SD 1.77%
All Organs: Malignant Lymphoma: or Undifferentiated Cell		nphocytic, Mixed, NOS	,					
	, , ,	2/50 (4%)	2/50 (4%)	2/50 (4%)		17/50 (34%)	7/50 (14%)	8/50 (16%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		11/50 (22%)	13/50 (26%)	15/50 (30%)
		1/50 (2%)	2/50 (4%)			13/50 (26%)	12/50 (24%)	
Overall Incidence	Total	11/400 (2.75%)	Mean 2.75%	SD 1.49%	Total	96/400 (24%)	Mean 24%	SD 6.68%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male	Female
#All Organs: Mesothelioma: Benign, Ma	lignant, NOS	 S		
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25% SD 0.71%	Total 0/400 (0%) Mean 0% SD 0%
#All Organs: Mesothelioma: Malignant				
,		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25% SD 0.71%	Total 0/400 (0%) Mean 0% SD 0%
#All Organs: Osteoma				
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0% SD 0%	Total 0/400 (0%) Mean 0% SD 0%
#All Organs: Osteosarcoma				
		1/50 (2%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	2/400 (0.5%)	Mean 0.5% SD 0.93%	Total 0/400 (0%) Mean 0% SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Strain: B6C3F1

Contract/Lab: All Laboratories Species: MICE

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
#All Organs: Osteosarcoma or Osteoma								
		1/50 (2%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
overall Incidence	Total	2/400 (0.5%)	Mean 0.5%	SD 0.93%	Total	0/400 (0%)	Mean 0%	SD 0%
Adrenal Cortex: Adenoma								
		4/49 (8%) 3/49 (6%) 1/49 (2%)	1/50 (2%) 2/50 (4%) 2/49 (4%)	6/50 (12%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 1/50 (2%)
verall Incidence	Total	19/396 (4.8%)	Mean 4.8%	SD 3.86%	Total	2/399 (0.5%)	Mean 0.5%	SD 0.93%
Adrenal Cortex: Sarcoma								
		0/49 (0%) 0/49 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
verall Incidence	Total	0/396 (0%)	Mean 0%	SD 0%	Total	0/399 (0%)	Mean 0%	SD 0%
Adrenal Medulla: Pheochromocytoma Benign								
		1/50 (2%) 2/49 (4%) 0/47 (0%)	0/50 (0%) 0/50 (0%) 1/47 (2%)	0/50 (0%) 0/50 (0%)		3/50 (6%) 0/49 (0%) 1/48 (2%)	0/50 (0%) 2/50 (4%) 0/50 (0%)	0/50 (0%) 2/50 (4%)
Overall Incidence	Total	4/393 (1.02%)	Mean 1.03%	SD 1.55%	Total	8/397 (2.02%)	Mean 2.01%	SD 2.39%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male	Female
*Adrenal Medulla: Pheochromocytoma Comple	×			
,		0/50 (0%) 0/49 (0%) 0/47 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/47 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/49 (0%) 0/50 (0%) 0/50 (0%) 0/48 (0%) 0/50 (0%)
Overall Incidence	Total	0/393 (0%)	Mean 0% SD 0%	Total 0/397 (0%) Mean 0% SD 0%
*Adrenal Medulla:				
Pheochromocytoma Maligna	nt	0/50 (0%) 0/49 (0%) 0/47 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 0/47 (0%)	1/50 (2%) 0/50 (0%) 0/50 (0%) 0/49 (0%) 0/50 (0%) 0/50 (0%) 0/48 (0%) 0/50 (0%)
Overall Incidence	Total	1/393 (0.25%)	Mean 0.25% SD 0.71%	Total 1/397 (0.25%) Mean 0.25% SD 0.71%
*Adrenal Medulla: Pheochromocytoma: Benign	, Comple	k, Malignant, NOS		
, ,	, ,	1/50 (2%) 2/49 (4%) 0/47 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 1/47 (2%)	4/50 (8%) 0/50 (0%) 0/50 (0%) 0/49 (0%) 2/50 (4%) 2/50 (4%) 1/48 (2%) 0/50 (0%)
Overall Incidence	Total	5/393 (1.27%)	Mean 1.28% SD 1.52%	Total 9/397 (2.27%) Mean 2.26% SD 2.91%
*Bone Marrow: Hemangiosarcoma				
ū		0/48 (0%) 2/50 (4%) 0/50 (0%)	0/50 (0%) 2/50 (4%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%) 1/50 (2%) 0/49 (0%) 0/50 (0%) 0/50 (0%) 2/50 (4%) 1/50 (2%)
Overall Incidence	Total	4/398 (1.01%)	Mean 1% SD 1.85%	Total 4/398 (1.01%) Mean 1% SD 1.51%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male			Female
*Bone Marrow: Mast Cell Tumor Malignant						
		0/48 (0%) 1/50 (2%)	0/50 (0%) 0/50 0/50 (0%) 0/50	` '	0/50 (0%) 0/49 (0%)	0/49 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/50 (0%) 1/398 (0.25%)	0/50 (0%) Mean 0.25% S	D 0.71% T	0/50 (0%) otal 0/398 (0%)	0/50 (0%) Mean 0% SD 0%
Bone: Hemangiosarcoma						
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 0/50 (0%) 0/50 0/50 (0%)	(' - ')	1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%)
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25% S		otal 2/400 (0.5%)	Mean 0.5% SD 0.93%
Bone: Osteoma						
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 0/50 (0%) 0/50 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	` '	D 0% T	otal 0/400 (0%)	Mean 0% SD 0%
Bone: Osteosarcoma	•••••					
		1/50 (2%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 0/50 (0%) 0/50 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	2/400 (0.5%)	` '	D 0.93% T	otal 0/400 (0%)	Mean 0% SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male	Female
#Bone: Osteosarcoma or Osteoma				
		1/50 (2%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	2/400 (0.5%)	Mean 0.5% SD 0.93%	Total 0/400 (0%) Mean 0% SD 0%
#Bone: Sarcoma				
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25% SD 0.71%	Total 0/400 (0%) Mean 0% SD 0%
Brain: Meningioma Benign				
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25% SD 0.71%	Total 0/400 (0%) Mean 0% SD 0%
Ɓrain: Meningioma: Benign, Maligi				
<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25% SD 0.71%	Total 0/400 (0%) Mean 0% SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
*Brain: Schwannoma Malignant								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Clitoral/Preputial Gland: Adenoma								
		0/49 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/46 (0%) 0/47 (0%) 0/42 (0%)	0/41 (0%) 0/45 (0%) 0/46 (0%)	0/46 (0%) 0/43 (0%)
Overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	0/356 (0%)	Mean 0%	SD 0%
Clitoral/Preputial Gland: Carcinoma								
		0/49 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/46 (0%) 0/47 (0%) 0/42 (0%)	0/41 (0%) 0/45 (0%) 0/46 (0%)	0/46 (0%) 0/43 (0%)
Overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	0/356 (0%)	Mean 0%	SD 0%
Clitoral/Preputial Gland: Carcinoma or Adenoma								
		0/49 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/46 (0%) 0/47 (0%) 0/42 (0%)	0/41 (0%) 0/45 (0%) 0/46 (0%)	0/46 (0%) 0/43 (0%)
Overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	0/356 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories Species: MICE

Strain: B6C3F1 Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
Clitoral/Preputial Gland: Hemangioma								
		0/49 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/46 (0%) 0/47 (0%) 0/42 (0%)	0/41 (0%) 0/45 (0%) 0/46 (0%)	0/46 (0%) 0/43 (0%)
overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	0/356 (0%)	Mean 0%	SD 0%
Clitoral/Preputial Gland: Hemangiosarcoma	• • • • • • • • • • • • • • • • • • • •							
J		0/49 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/46 (0%) 0/47 (0%) 0/42 (0%)	0/41 (0%) 0/45 (0%) 0/46 (0%)	0/46 (0%) 0/43 (0%)
Overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	0/356 (0%)	Mean 0%	SD 0%
Clitoral/Preputial Gland: Squamous Cell Carcinoma	• • • • • • • • • • • • • • • • • • • •							
		0/49 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/46 (0%) 0/47 (0%) 0/42 (0%)	0/41 (0%) 0/45 (0%) 0/46 (0%)	0/46 (0%) 1/43 (2%)
Overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	1/356 (0.28%)	Mean 0.29%	SD 0.82%
Epididymis: Sarcoma	• • • • • • • • • • • • • • • • • • • •							
		0/50 (0%) 1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)				
Overall Incidence	Total	1/399 (0.25%)	Mean 0.25%	SD 0.71%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: INHALATION

Report Date:11/17/2008

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Species: MICE **Strain:** B6C3F1

Length of Study: CHRONIC

Vehicle: AIR

			Male				Female	
#Esophagus: Squamous Cell Carcinoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
#Eye: Sarcoma					•••••			
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Gallbladder: Adenoma								
		0/40 (0%) 1/42 (2%) 0/40 (0%)	0/43 (0%) 0/43 (0%) 0/43 (0%)	0/36 (0%) 0/42 (0%)		0/43 (0%) 0/45 (0%) 0/41 (0%)	0/38 (0%) 0/42 (0%) 0/42 (0%)	0/38 (0%) 0/47 (0%)
Overall Incidence	Total	1/329 (0.3%)	Mean 0.3%	SD 0.84%	Total	0/336 (0%)	Mean 0%	SD 0%
#Harderian Gland: Adenoma								
		7/50 (14%) 5/50 (10%) 3/50 (6%)	8/50 (16%) 5/50 (10%) 2/50 (4%)	4/50 (8%) 10/50 (20%)		3/50 (6%) 4/50 (8%) 4/50 (8%)	8/50 (16%) 6/50 (12%) 1/50 (2%)	3/50 (6%) 3/50 (6%)
Overall Incidence	Total	44/400 (11%)	Mean 11%	SD 5.35%	Total	32/400 (8%)	Mean 8%	SD 4.28%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1

Contract/Lab: All Laboratories Species: MICE

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
#Harderian Gland: Carcinoma								
		3/50 (6%)	4/50 (8%)	4/50 (8%)		2/50 (4%)	5/50 (10%)	2/50 (4%)
		1/50 (2%)	2/50 (4%)	1/50 (2%)		2/50 (4%)	1/50 (2%)	1/50 (2%)
		3/50 (6%)	3/50 (6%)	05 0000		0/50 (0%)	1/50 (2%)	05
verall Incidence	Total	21/400 (5.25%)	Mean 5.25%	SD 2.38%	Total	14/400 (3.5%)	Mean 3.5%	SD 2.98%
Harderian Gland: Carcinoma or Adenoma								
		10/50 (20%)	11/50 (22%)	8/50 (16%)		5/50 (10%)	12/50 (24%)	5/50 (10%)
		6/50 (12%)	7/50 (14%)	11/50 (22%)		6/50 (12%)	7/50 (14%)	4/50 (8%)
		6/50 (12%)	5/50 (10%)			4/50 (8%)	2/50 (4%)	
verall Incidence	Total	64/400 (16%)	Mean 16%	SD 4.78%	Total	45/400 (11.25%)	Mean 11.25%	SD 5.95%
Harderian Gland: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Heart: Hemangioma								
. J		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Species: MICE

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION

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Report Date:11/17/2008

Strain: B6C3F1 Length of Study: CHRONIC Vehicle: AIR

			Male				Female	
*Heart: Hemangiosarcoma								
		0/50 (0%) 2/50 (4%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 1/50 (2%)		1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)
Overall Incidence	Total	4/400 (1%)	Mean 1%	SD 1.51%	Total	2/400 (0.5%)	Mean 0.5%	SD 0.93%
*Heart: Sarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Carcinoma					•••••			
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Carcinoma or Adenoma					•••••			
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male	Female
#Intestine Large: Cecum: Leiomyoma				
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0% SD 0%	Total 1/400 (0.25%) Mean 0.25% SD 0.71%
#Intestine Large: Cecum: Polyp Adenomatous	••••••			
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25% SD 0.71%	Total 0/400 (0%) Mean 0% SD 0%
#Intestine Large: Colon/Rectur Leiomyosarcoma				
•		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%)
Overall Incidence	Total	0/400 (0%)	Mean 0% SD 0%	Total 1/400 (0.25%) Mean 0.25% SD 0.71%
#Intestine Small: Duodenum: Adenoma	•••••			
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	1/400 (0.25%)	0/50 (0%) Mean 0.25% SD 0.71%	Total 1/400 (0.25%) Mean 0.25% SD 0.71%
		(,		Total 1/400 (0.25%) Mean 0.25% SD 0.71%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
Intestine Small: Duodenum: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Intestine Small: Duodenum: Leiomyosarcoma			•••••				•••••	•••••
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	1/50 (2%)	
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
Intestine Small: Duodenum: Polyp Adenomatous						•••••	•••••	
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%	Total	0/400 (0%)	Mean 0%	SD 0%
Intestine Small: Ileum: Carcinoma						•••••	•••••	
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	, ,		0/50 (0%)	0/50 (0%)	, ,

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Species: MICE **Strain:** B6C3F1

Route: INHALATION Vehicle: AIR

			Male				Female	
fintestine Small: Ileum: Hemangiosarcoma								
-		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Intestine Small: Ileum: Polyp Adenomatous					•••••			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
hanall luaidanaa	Tatal	0/50 (0%)	0/50 (0%)	CD 00/	Tatal	0/50 (0%)	1/50 (2%)	CD 0.740/
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
Intestine Small: Jejunum: Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
		` ,				` ,		
Intestine Small: Jejunum: Carcinoma								
		4/50 (8%)	1/50 (2%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		3/50 (6%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
N	T-1-1	1/50 (2%)	0/50 (0%)	00 0040/	T-1-1	0/50 (0%)	0/50 (0%)	OD 00/
verall Incidence	Total	11/400 (2.75%)	Mean 2.75%	SD 3.01%	Total	0/400 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
Intestine Small: Jejunum: Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	00.007		0/50 (0%)	0/50 (0%)	OD
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Intestine Small: Jejunum: Leiomyosarcoma								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Intestine Small: Jejunum: Polyp Adenomatous								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Intestine Small: Site Unspeci Adenoma	fied:							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	,		0/50 (0%)	0/50 (0%)	` '

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

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Species: MICE Strain: B6C3F1 Route: INHALATION Vehicle: AIR

			Male	Female
#Intestine Small: Site Unspeci	ified:			
		4/50 (8%) 3/50 (6%) 1/50 (2%)	1/50 (2%) 2/50 (4%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	11/400 (2.75%)	Mean 2.75% SD 3.01%	Total 0/400 (0%) Mean 0% SD 0%
#Intestine Small: Site Unspec Carcinoma or Adenoma	ified:			
		4/50 (8%) 3/50 (6%) 1/50 (2%)	1/50 (2%) 2/50 (4%) 1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	12/400 (3%)	Mean 3% SD 2.83%	Total 1/400 (0.25%) Mean 0.25% SD 0.71%
#Intestine Small: Site Unspeci Hemangiosarcoma				
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0% SD 0%	Total 0/400 (0%) Mean 0% SD 0%
#Intestine Small: Site Unspeci				
•		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%)
Overall Incidence	Total	0/400 (0%)	Mean 0% SD 0%	Total 1/400 (0.25%) Mean 0.25% SD 0.71%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Report Date:11/17/2008

Route: INHALATION Vehicle: AIR

			Male	Female
#Intestine Small: Site Unspec Polyp Adenomatous	ified:			
**		1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%)
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25% SD 0.71%	Total 1/400 (0.25%) Mean 0.25% SD 0.71%
*Islets, Pancreatic: Adenoma				
		0/48 (0%) 1/49 (2%) 1/49 (2%)	0/50 (0%) 2/50 (4%) 1/49 (2%) 0/50 (0%) 2/49 (4%)	0/50 (0%) 1/49 (2%) 0/50 (0%) 0/48 (0%) 0/50 (0%) 0/49 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	7/394 (1.78%)	Mean 1.78% SD 1.69%	Total 1/396 (0.25%) Mean 0.26% SD 0.72%
*Islets, Pancreatic: Carcinoma				
		0/48 (0%) 0/49 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/49 (0%) 1/50 (2%) 0/49 (0%)	0/50 (0%) 0/49 (0%) 0/50 (0%) 1/48 (2%) 0/50 (0%) 0/49 (0%) 1/50 (2%) 0/50 (0%)
Overall Incidence	Total	1/394 (0.25%)	Mean 0.25% SD 0.71%	Total 2/396 (0.51%) Mean 0.51% SD 0.95%
*Islets, Pancreatic: Carcinoma or Adenoma				
		0/48 (0%) 1/49 (2%) 1/49 (2%)	0/50 (0%) 2/50 (4%) 1/49 (2%) 1/50 (2%) 2/49 (4%)	0/50 (0%) 1/49 (2%) 0/50 (0%) 1/48 (2%) 0/50 (0%) 0/49 (0%) 1/50 (2%) 0/50 (0%)
Overall Incidence	Total	8/394 (2.03%)	Mean 2.03% SD 1.53%	Total 3/396 (0.76%) Mean 0.77% SD 1.06%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Report Date:11/17/2008

Route: INHALATION Vehicle: AIR

			Male				Female	
Kidney: Renal Tubule: Adenoma								
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%) 0/49 (0%)	0/50 (0%) 0/49 (0%)	0/50 (0%)		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/397 (0%)	Mean 0%	SD 0%	Total	0/398 (0%)	Mean 0%	SD 0%
Kidney: Renal Tubule: Carcinoma								
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		1/50 (2%) 0/49 (0%)	0/50 (0%) 0/49 (0%)	0/50 (0%)		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	1/397 (0.25%)	Mean 0.25%	SD 0.71%	Total	0/398 (0%)	Mean 0%	SD 0%
(idney: Renal Tubule: Carcinoma or Adenoma			•••••				•••••	
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		1/50 (2%) 0/49 (0%)	0/50 (0%) 0/49 (0%)	0/50 (0%)		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	1/397 (0.25%)	Mean 0.25%	SD 0.71%	Total	0/398 (0%)	Mean 0%	SD 0%
Liver: Cholangiocarcinoma					•••••			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)
tverall Incidence	Total	` '	` '	SD 0%	Total	` ,	` ,	SD 0%
Overall Incidence	Total	0/49 (0%) 0/398 (0%)	0/49 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/399 (0%)	0/50 (0%) Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
Liver: Fibrous Histiocytoma								
		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	0/399 (0%)	Mean 0%	SD 0%
Liver: Hemangioma								
· ·		0/50 (0%) 0/50 (0%) 0/49 (0%)	1/50 (2%) 1/50 (2%) 0/49 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)
verall Incidence	Total	2/398 (0.5%)	Mean 0.5%	SD 0.93%	Total	1/399 (0.25%)	Mean 0.25%	SD 0.71%
.iver: Hemangiosarcoma								
-		1/50 (2%) 3/50 (6%) 1/49 (2%)	0/50 (0%) 2/50 (4%) 1/49 (2%)	2/50 (4%) 4/50 (8%)		0/50 (0%) 0/49 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%) 2/50 (4%)	1/50 (2%) 1/50 (2%)
Overall Incidence	Total	14/398 (3.52%)	Mean 3.51%	SD 2.56%	Total	5/399 (1.25%)	Mean 1.25%	SD 1.49%
Liver: Hepatoblastoma								
·		1/50 (2%) 0/50 (0%) 0/49 (0%)	1/50 (2%) 0/50 (0%) 0/49 (0%)	1/50 (2%) 0/50 (0%)		0/50 (0%) 0/49 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	3/398 (0.75%)	Mean 0.75%	SD 1.04%	Total	1/399 (0.25%)	Mean 0.25%	SD 0.71%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Nov2008

Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
Liver: Hepatocellular Adenoma								
·		30/50 (60%) 22/50 (44%) 21/49 (43%)	34/50 (68%) 17/50 (34%) 33/49 (67%)	28/50 (56%) 24/50 (48%)		19/50 (38%) 17/49 (35%) 15/50 (30%)	18/50 (36%) 13/50 (26%) 14/50 (28%)	14/50 (28%) 10/50 (20%)
overall Incidence	Total	209/398 (52.51%)	Mean 52.53%	SD 12.29%	Total	120/399 (30.08%)	Mean 30.09%	SD 5.93%
Liver: Hepatocellular Carcinom	a							
		15/50 (30%) 13/50 (26%) 10/49 (20%)	13/50 (26%) 12/50 (24%) 11/49 (22%)	20/50 (40%) 10/50 (20%)		5/50 (10%) 5/49 (10%) 4/50 (8%)	10/50 (20%) 6/50 (12%) 7/50 (14%)	4/50 (8%) 3/50 (6%)
verall Incidence	Total	104/398 (26.13%)	Mean 26.11%	SD 6.5%	Total	44/399 (11.03%)	Mean 11.03%	SD 4.4%
Liver:								•••••
Hepatocellular Carcinom	а ог нератор	16/50 (32%) 13/50 (26%) 10/49 (20%)	14/50 (28%) 12/50 (24%) 11/49 (22%)	20/50 (40%) 10/50 (20%)		5/50 (10%) 5/49 (10%) 4/50 (8%)	10/50 (20%) 6/50 (12%) 7/50 (14%)	4/50 (8%) 3/50 (6%)
Overall Incidence	Total	106/398 (26.63%)	Mean 26.61%	SD 6.73%	Total	44/399 (11.03%)	Mean 11.03%	SD 4.4%
Liver:	• • • • • • • • • • • • • • • • • • • •	•••••						
Hepatocellular Carcinom	a or Hepatoco	ellular Adenoma 38/50 (76%) 30/50 (60%) 26/49 (53%)	40/50 (80%) 27/50 (54%) 37/49 (76%)	40/50 (80%) 28/50 (56%)		24/50 (48%) 19/49 (39%) 17/50 (34%)	25/50 (50%) 17/50 (34%) 20/50 (40%)	16/50 (32%) 13/50 (26%)
Overall Incidence	Total	266/398 (66.83%)	Mean 66.82%	SD 12.1%	Total	151/399 (37.84%)	Mean 37.85%	SD 8.11%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Report Date:11/17/2008

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Species: MICE **Strain:** B6C3F1

Route: INHALATION Vehicle: AIR

*Liver: Hepatocellular Carcinoma, Hepatocellula										
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma										
	38/50 (76%) 30/50 (60%) 26/49 (53%)	41/50 (82%) 40/50 (80%) 27/50 (54%) 28/50 (56%) 37/49 (76%)	24/50 (48%) 25/50 (50%) 16/50 (32%) 19/49 (39%) 17/50 (34%) 13/50 (26%) 17/50 (34%) 20/50 (40%)							
Overall Incidence Total	267/398 (67.09%)	Mean 67.07% SD 12.43%	Total 151/399 (37.84%) Mean 37.85% SD 8.11%							
*Liver: Hepatocholangiocarcinoma	(50)	2/72 (201)								
	1/50 (2%) 1/50 (2%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 5/50 (10%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 1/49 (2%) 1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%)							
Overall Incidence Total	7/398 (1.76%)	Mean 1.75% SD 3.45%	Total 2/399 (0.5%) Mean 0.51% SD 0.94%							
*Liver: Ito Cell Tumor Benign										
	0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/49 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)							
Overall Incidence Total	0/398 (0%)	Mean 0% SD 0%	Total 0/399 (0%) Mean 0% SD 0%							
*Liver: Ito Cell Tumor Malignant										
	0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/49 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)							
Overall Incidence Total	1/398 (0.25%)	Mean 0.25% SD 0.71%	Total 0/399 (0%) Mean 0% SD 0%							

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
Liver: Sarcoma								
		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	0/399 (0%)	Mean 0%	SD 0%
Lung: Adenoma	•••••				•••••			
		0/50 (0%) 0/49 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
overall Incidence	Total	1/399 (0.25%)	Mean 0.25%	SD 0.71%	Total	0/400 (0%)	Mean 0%	SD 0%
Lung: Alveolar/Bronchiolar A					• • • • • • • • • • • • • • • • • • • •			
		6/50 (12%) 12/49 (24%) 10/50 (20%)	13/50 (26%) 9/50 (18%) 10/50 (20%)	4/50 (8%) 8/50 (16%)		1/50 (2%) 4/50 (8%) 3/50 (6%)	1/50 (2%) 4/50 (8%) 6/50 (12%)	2/50 (4%) 1/50 (2%)
overall Incidence	Total	72/399 (18.05%)	Mean 18.06%	SD 6.02%	Total	22/400 (5.5%)	Mean 5.5%	SD 3.66%
Lung: Alveolar/Bronchiolar C	arcinoma		•••••		•••••			
		8/50 (16%) 5/49 (10%) 7/50 (14%)	9/50 (18%) 5/50 (10%) 11/50 (22%)	12/50 (24%) 5/50 (10%)		0/50 (0%) 2/50 (4%) 2/50 (4%)	3/50 (6%) 0/50 (0%) 0/50 (0%)	3/50 (6%) 1/50 (2%)
Overall Incidence	Total	62/399 (15.54%)	Mean 15.53%	SD 5.5%	Total	11/400 (2.75%)	Mean 2.75%	SD 2.6%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Report Date:11/17/2008

Route: INHALATION Vehicle: AIR

			Male	Female
*Lung: Alveolar/Bronchiolar Ca	rcinoma or Alv	/eolar/Bronchiolar		
Adenoma		13/50 (26%) 16/49 (33%) 17/50 (34%)	19/50 (38%) 15/50 (30%) 14/50 (28%) 13/50 (26%) 20/50 (40%)	1/50 (2%) 4/50 (8%) 5/50 (10%) 6/50 (12%) 4/50 (8%) 2/50 (4%) 5/50 (10%) 6/50 (12%)
Overall Incidence	Total	127/399 (31.83%)	Mean 31.83% SD 5.29%	Total 33/400 (8.25%) Mean 8.25% SD 3.62%
Lung: Fibrosarcoma				
		0/50 (0%) 0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
verall Incidence	Total	0/399 (0%)	Mean 0% SD 0%	Total 0/400 (0%) Mean 0% SD 0%
∟ung: Fibrous Histiocytoma				
		0/50 (0%) 0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
verall Incidence	Total	0/399 (0%)	Mean 0% SD 0%	Total 0/400 (0%) Mean 0% SD 0%
-ung: -ung: - Hemangiosarcoma				
g		0/50 (0%) 0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%)
Overall Incidence	Total	1/399 (0.25%)	Mean 0.25% SD 0.71%	Total 2/400 (0.5%) Mean 0.5% SD 0.93%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Species: MICE Strain: B6C3F1 Route: INHALATION Vehicle: AIR

			Male				Female	
Lung: Sarcoma								
		0/50 (0%) 0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
verall Incidence	Total	0/399 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Lymph Node: Fibrous Histiocytoma	•••••							
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
-ymph Node: Hemangioma					•••••			
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Lymph Node: Hemangiosarcoma								
J		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Report Date:11/17/2008

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Route: INHALATION Vehicle: AIR

			Male				Female	
#Lymph Node: Sarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Lymph Node, Bronchial: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
Lymph Node, Mandibular: Fibrous Histiocytoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Lymph Node, Mandibular: Hemangiosarcoma								
-		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Strain: B6C3F1

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Contract/Lab: All Laboratories Species: MICE

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
Lymph Node, Mandibular: Mast Cell Tumor Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Lymph Node, Mesenteric: Fibrous Histiocytoma								
•		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/400 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/400 (0%)	0/50 (0%) Mean 0%	SD 0%
Lymph Node, Mesenteric:		` ,				,		
Hemangioma				- / / /		- ()		
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/30 (0 /6)		0/50 (0%)	0/50 (0%)	0/30 (0 /8)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Hemangiosarcoma	•••••				•••••			
5		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
2	T-1-1	0/50 (0%)	0/50 (0%)	00 0 740/	T-1-1	0/50 (0%)	0/50 (0%)	00.0746
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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						Female	
	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
	0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
				•••••			
	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
			0/50 (0%)				0/50 (0%)
Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
	0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	1/50 (2%)	4/50 (8%)
			0/50 (0%)				1/50 (2%)
Total	0/400 (0%)	Mean 0%	SD 0%	Total	10/400 (2.5%)	Mean 2.5%	SD 2.56%
				•••••			
	0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	1/50 (2%)	4/50 (8%)
	` ,	` ,	0/50 (0%)		` ,		1/50 (2%)
Total	` '	` ,	SD 0%	Total	,	` '	SD 2.56%
	Total	0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/400 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/400 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/400 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/400 (0%) Mean 0% SD 0% Total 0/400 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
#Mammary Gland: Fibroadenoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
Mammary Gland:								
Fibroma, Fibroadenom	a or Adenoma	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
Mammary Gland: Fibroma, Fibroadenom								
· izi oma, i izi oddonon	ia, caromoma, c	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		2/50 (4%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 1/50 (2%) 1/50 (2%)	5/50 (10%) 1/50 (2%)
overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	11/400 (2.75%)	Mean 2.75%	SD 3.2%
Mesentery: Fibrosarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
		0/30 (0%)	0/50 (0%)			0/30 (0%)	0/30 (0%)	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
#Mesentery: Hemangioma								
_		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Mesentery: Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	2/50 (4%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%	Total	4/400 (1%)	Mean 1%	SD 1.51%
Mesentery: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Nose: Hemangioma			•••••					
3		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/49 (0%)
		0/49 (0%)	0/49 (0%)	, ,		0/50 (0%)	0/50 (0%)	, ,
Overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	1/399 (0.25%)	Mean 0.25%	SD 0.71%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1 Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
Nose: Mast Cell Tumor Malig	 jnant							
	,	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
	T-1-1	0/49 (0%)	0/49 (0%)	OD 00/	T-1-1	0/50 (0%)	0/50 (0%)	OD 00/
verall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	0/399 (0%)	Mean 0%	SD 0%
Oral Cavity (Oral Mucosa Papilloma Squamous	a, Tongue, Phary	nx, Tooth, Gingiva):					•••••	
	-	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
	T	0/50 (0%)	0/50 (0%)	OD 00/	-	1/50 (2%)	0/50 (0%)	00 0 740/
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
Oral Cavity (Oral Mucosa Squamous Cell Carcir		0/50 (0%) 1/50 (2%)	1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	, ,		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Verall Incidence	Total			SD 0.93%	Total			0/50 (0%) SD 0%
Overall Incidence *Oral Cavity (Oral Mucosa Squamous Cell Carcir Papilloma	a, Tongue, Phary	0/50 (0%) 2/400 (0.5%) mx, Tooth, Gingiva):	0/50 (0%)	, ,	Total	0/50 (0%)	0/50 (0%)	,
Oral Cavity (Oral Mucosa Squamous Cell Carcir	a, Tongue, Phary	0/50 (0%) 2/400 (0.5%) rnx, Tooth, Gingiva): Squamous, or 0/50 (0%)	0/50 (0%) Mean 0.5% 	SD 0.93% 	Total	0/50 (0%) 0/400 (0%) 	0/50 (0%) Mean 0% 	SD 0%
Oral Cavity (Oral Mucosa Squamous Cell Carcir	a, Tongue, Phary	0/50 (0%) 2/400 (0.5%) rnx, Tooth, Gingiva): Squamous, or 0/50 (0%) 1/50 (2%)	0/50 (0%) Mean 0.5% 1/50 (2%) 0/50 (0%)	SD 0.93%	Total	0/50 (0%) 0/400 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) Mean 0% 0/50 (0%) 0/50 (0%)	SD 0%
Oral Cavity (Oral Mucosa Squamous Cell Carcir	a, Tongue, Phary	0/50 (0%) 2/400 (0.5%) rnx, Tooth, Gingiva): Squamous, or 0/50 (0%)	0/50 (0%) Mean 0.5% 	SD 0.93% 	Total	0/50 (0%) 0/400 (0%) 	0/50 (0%) Mean 0% 	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female #Oral Mucosa: Squamous Cell Carcinoma** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(2%)(0%)(0%)0/50 (0%)0/50 (0%)(0%)1/50 0/50 0/50 0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** (0.25%)Mean 0.25% SD 0.71% 0/400 (0%) Mean 0% SD 0% Total 1/400 Total *Ovary: Choriocarcinoma 0/50 (0%)0/48 (0%)0/49 (0%)(0%)0/48 (0%)0/49 (0%)0/48 0/49 (0%) 0/50 (0%) **Overall Incidence** Total 0/391 (0%) Mean 0% SD 0% *Ovary: Cystadenoma 3/50 (6%)(6%)5/48 (10%)3/49 3/48 (6%) 0/49 (0%)2/48 (4%) 6/49 (12%) 2/50 (4%) Overall Incidence Total 24/391 (6.14%) Mean 6.15% SD 3.81% Fibrous Histiocytoma 0/50 (0%)0/48 (0%)0/49 (0%)0/48 (0%)0/49 (0%)0/48 (0%)(0%) (0%)0/49 0/50 Mean 0% **Overall Incidence** Total 0/391 (0%) SD 0%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: INHALATION

Report Date:11/17/2008

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Species: MICE Strain: B6C3F1

Vehicle: AIR

N	<i>l</i> lale		Female	
*Ovary: Granulosa Cell Tumor Benign				
		0/50 (0%) 0/48 (0%) 0/49 (0%)	0/48 (0%) 0/49 (0%) 0/50 (0%)	0/49 (0%) 0/48 (0%)
Overall Incidence	Total	0/391 (0%)	Mean 0%	SD 0%
*Ovary: Granulosa Cell Tumor Malignant				
		0/50 (0%) 0/48 (0%) 0/49 (0%)	0/48 (0%) 0/49 (0%) 0/50 (0%)	0/49 (0%) 0/48 (0%)
Overall Incidence	Total	0/391 (0%)	Mean 0%	SD 0%
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS				
		0/50 (0%) 0/48 (0%) 0/49 (0%)	0/48 (0%) 0/49 (0%) 0/50 (0%)	0/49 (0%) 0/48 (0%)
Overall Incidence	Total	0/391 (0%)	Mean 0%	SD 0%
*Ovary: Hemangioma		•••••	•••••	
-		0/50 (0%) 0/48 (0%) 0/49 (0%)	0/48 (0%) 0/49 (0%) 0/50 (0%)	0/49 (0%) 0/48 (0%)
Overall Incidence	Total	0/391 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: INHALATION

Report Date:11/17/2008

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Species: MICE **Strain:** B6C3F1

Length of Study: CHRONIC

Vehicle: AIR

Male				Female		
Ovary: Hemangiosarcoma						
		0/50	(0%)	0/48 (0%)	1/49	(2%)
		0/48	(0%)	0/49 (0%)	0/48	(0%)
		0/49	(0%)	0/50 (0%)		
verall Incidence	Total	1/391	(0.26%)	Mean 0.26%	SD	0.72%
ovary: Leiomyosarcoma						
·		0/50	(0%)	0/48 (0%)	0/49	(0%)
		0/48	(0%)	0/49 (0%)	0/48	(0%)
		1/49	(2%)	0/50 (0%)		
verall Incidence	Total	1/391	(0.26%)	Mean 0.26%	SD	0.72%
Ovary: Luteoma						
Luteonia		1/50	(2%)	0/48 (0%)	0/49	(0%)
		1/48	(2%)	0/49 (0%)	0/48	(0%)
		0/49	(0%)	1/50 (2%)	0, .0	(0,0)
verall Incidence	Total	3/391	(0.77%)	Mean 0.76%	SD	1.05%
Ovary:						
Teratoma Benign		0/50	(0%)	1/48 (2%)	0/49	(0%)
		0/30	(0%)	0/49 (0%)	0/49	(0%)
		0/48	(0%)	1/50 (2%)	0/40	(070)
verall Incidence	Total		(0.51%)	Mean 0.51%	SD	0.95%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
Ovary: Teratoma Malignant								
						0/50 (0%)	0/48 (0%)	0/49 (0%)
						0/48 (0%) 0/49 (0%)	0/49 (0%) 1/50 (2%)	0/48 (0%)
verall Incidence					Total	1/391 (0.26%)	Mean 0.25%	SD 0.71%
Ovary: Tubulostromal Adenoma								
rubulostromai Adenoma						0/50 (0%)	0/48 (0%)	0/49 (0%)
						0/48 (0%)	0/49 (0%)	0/48 (0%)
						0/49 (0%)	0/50 (0%)	
verall Incidence					Total	0/391 (0%)	Mean 0%	SD 0%
Pancreas: Adenoma								
		0/48 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/49 (0%)	0/49 (0%)	0/50 (0%)		0/48 (0%)	0/50 (0%)	0/49 (0%)
Normall Institutes	Tatal	0/49 (0%)	0/49 (0%)	CD 00/	Tatal	0/50 (0%)	0/50 (0%)	CD 00/
verall Incidence	Total	0/394 (0%)	Mean 0%	SD 0%	Total	0/396 (0%)	Mean 0%	SD 0%
Pancreas: Carcinoma								
		1/48 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/49 (0%)	0/49 (0%)	0/50 (0%)		0/48 (0%)	0/50 (0%)	0/49 (0%)
		0/49 (0%)	0/49 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	1/394 (0.25%)	Mean 0.26%	SD 0.74%	Total	0/396 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male	Female
Pancreas: Carcinoma or Adenoma				
		1/48 (2%) 0/49 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/49 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/49 (0%) 0/50 (0%) 0/48 (0%) 0/50 (0%) 0/49 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	1/394 (0.25%)	Mean 0.26% SD 0.74%	Total 0/396 (0%) Mean 0% SD 0%
Pituitary Gland: Pars Distal Adenoma	is or Unspecif	ied Site:		
		1/46 (2%) 0/48 (0%) 0/47 (0%)	1/48 (2%) 0/50 (0%) 0/50 (0%) 0/48 (0%) 0/50 (0%)	5/46 (11%) 8/50 (16%) 10/50 (20%) 8/47 (17%) 7/50 (14%) 4/50 (8%) 4/50 (8%) 6/49 (12%)
Overall Incidence	Total	2/387 (0.52%)	Mean 0.53% SD 0.99%	Total 52/392 (13.27%) Mean 13.27% SD 4.3%
Pituitary Gland: Pars Distal Carcinoma				
		0/46 (0%) 0/48 (0%) 0/47 (0%)	0/48 (0%) 0/50 (0%) 0/50 (0%) 0/48 (0%) 0/50 (0%)	1/46 (2%) 0/50 (0%) 0/50 (0%) 0/47 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%) 0/49 (0%)
Overall Incidence	Total	0/387 (0%)	Mean 0% SD 0%	Total 2/392 (0.51%) Mean 0.52% SD 0.97%
Pituitary Gland: Pars Distal Carcinoma or Adenoma				
		1/46 (2%) 0/48 (0%) 0/47 (0%)	1/48 (2%) 0/50 (0%) 0/50 (0%) 0/48 (0%) 0/50 (0%)	6/46 (13%) 8/50 (16%) 10/50 (20%) 8/47 (17%) 7/50 (14%) 4/50 (8%) 5/50 (10%) 6/49 (12%)
Overall Incidence	Total	2/387 (0.52%)	Mean 0.53% SD 0.99%	Total 54/392 (13.78%) Mean 13.79% SD 3.87%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

ce for Selected Control Animal Groups

Route: INHALATION

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Report Date:11/17/2008

Vehicle: AIR

			Male	Female
*Pituitary Gland: Pars Interme Adenoma	dia:			
		0/46 (0%) 0/48 (0%) 0/47 (0%)	0/48 (0%) 0/50 (0%) 0/50 (0%) 1/48 (2%) 0/50 (0%)	
Overall Incidence	Total	1/387 (0.26%)	Mean 0.26% SD 0.74%	
*Pituitary Gland: Pars Interme Carcinoma or Adenoma	dia:			
		0/46 (0%) 0/48 (0%) 0/47 (0%)	0/48 (0%) 0/50 (0%) 0/50 (0%) 1/48 (2%) 0/50 (0%)	
Overall Incidence	Total	1/387 (0.26%)	Mean 0.26% SD 0.74%	` ,
*Prostate: Adenoma				
		0/49 (0%) 0/48 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/49 (0%)	
Overall Incidence	Total	0/396 (0%)	Mean 0% SD 0%	
*Prostate: Carcinoma or Adenoma				
		0/49 (0%) 0/48 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/49 (0%)	
Overall Incidence	Total	0/396 (0%)	Mean 0% SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Te

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
*Prostate: Hemangioma								
-		0/49 (0%) 0/48 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)				
Overall Incidence	Total	0/396 (0%)	Mean 0%	SD 0%				
Salivary Glands: Carcinoma								
		0/49 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%) 0/50 (0%)	0/49 (0%) 0/50 (0%)
Overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	1/399 (0.25%)	Mean 0.25%	SD 0.71%
Salivary Glands: Carcinoma or Adenoma								
		0/49 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%) 0/50 (0%)	0/49 (0%) 0/50 (0%)
Overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	1/399 (0.25%)	Mean 0.25%	SD 0.71%
Salivary Glands: Mast Cell Tumor Malignant								
, and the second		0/49 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)
Overall Incidence	Total	0/398 (0%)	Mean 0%	SD 0%	Total	0/399 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
Seminal Vesicle:								
		1/50 (2%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
S	T-1-1	0/50 (0%)	0/50 (0%)	00 0 740/				
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%				
Skeletal Muscle: Fibrosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Skeletal Muscle: Hemangiosarcoma			•••••					
•		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
#Skeletal Muscle: Myxosarcoma			•••••					
•		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
Skeletal Muscle: Rhabdomyosarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Skeletal Muscle:			•••••	•••••				
Rhabdomyosarcoma or	Rhabdomyom		0/50 (00/)	0/50 (00/)		0/50 (00/)	0/50 (00/)	0/50 (00/)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	0/30 (0 <i>%)</i> Mean 0%	SD 0%
		` ,				` ,		
Skeletal Muscle: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
#Skin:								
Basal Cell Adenoma or E	Basosquamou							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	` '	0/50 (0%) Mean 0%	SD 0%	Total	()	0/50 (0%) Mean 0%	SD 0%
overan incluence	TOTAL	0/400 (0%)	IVIEAN 0%	3D 0%	Total	0/400 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Report Date:11/17/2008

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Species: MICE **Strain:** B6C3F1

Route: INHALATION Vehicle: AIR

			Male				Female	
Skin: Basal Cell Adenoma, Ba Trichoepithelioma	asosquamous [·]	Tumor Benign, or						
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/400 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/400 (0%)	0/50 (0%) Mean 0%	SD 0%
Skin:					•••••			
Basal Cell Carcinoma		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
#Skin: Basal Cell Carcinoma o NOS)	r Basosquamo	` •		0/50 (00)		0/50 (00)	0/50 (00)	0/50 (001)
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Skin: Basal Cell Carcinoma, I Tumor (benign, maligna								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
		0/400 (0%)	Mean 0%	SD 0%		()	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Report Date:11/17/2008

Route: INHALATION Vehicle: AIR

			Male				Female	
#Skin: Basal or Sq. Cell Carci or B), Basal Cell Aden Papilloma, Keratoacar	oma, Adenoma,	Papilloma, Sq						
•	ianoma, monoc	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 1/50 (2%) 0/50 (0%)	1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	2/400 (0.5%)	Mean 0.5%	SD 0.93%
#Skin: Basosquamous Tumo	r Benign		•••••					
·	-	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
#Skin: Fibroma	•••••							
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
#Skin: Fibroma, Fibrosarcom Fibrous Histiocytoma	a, Sarcoma, My	xoma, Myxosarcoma, or						
		0/50 (0%) 3/50 (6%) 0/50 (0%)	2/50 (4%) 1/50 (2%) 2/50 (4%)	1/50 (2%) 0/50 (0%)		8/50 (16%) 1/50 (2%) 2/50 (4%)	0/50 (0%) 4/50 (8%) 1/50 (2%)	4/50 (8%) 6/50 (12%)
Overall Incidence	Total	9/400 (2.25%)	Mean 2.25%	SD 2.25%	Total	26/400 (6.5%)	Mean 6.5%	SD 5.53%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: INHALATION

Report Date:11/17/2008

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Species: MICE **Strain:** B6C3F1

Vehicle: AIR

			Male	Female
#Skin: Fibrosarcoma				
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0% SD 0%	Total 0/400 (0%) Mean 0% SD 0%
#Skin:				
Fibrosarcoma, Sarcoma, Myxo Histiocytoma	osarcoma,	or Fibrous		
·		0/50 (0%) 3/50 (6%) 0/50 (0%)	2/50 (4%) 1/50 (2%) 1/50 (2%) 0/50 (0%) 2/50 (4%)	8/50 (16%) 0/50 (0%) 4/50 (8%) 1/50 (2%) 4/50 (8%) 6/50 (12%) 2/50 (4%) 1/50 (2%)
Overall Incidence	Total	9/400 (2.25%)	Mean 2.25% SD 2.25%	Total 26/400 (6.5%) Mean 6.5% SD 5.53%
#Skin: Fibrous Histiocytoma	•••••			
·		0/50 (0%) 2/50 (4%) 0/50 (0%)	1/50 (2%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 1/50 (2%)	1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 2/50 (4%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	5/400 (1.25%)	Mean 1.25% SD 1.49%	Total 3/400 (0.75%) Mean 0.75% SD 1.49%
#Skin: Hemangioma				
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25% SD 0.71%	Total 0/400 (0%) Mean 0% SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
#Skin: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 2/50 (4%)	1/50 (2%) 1/50 (2%)		1/50 (2%) 1/50 (2%) 0/50 (0%)	1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)
Overall Incidence	Total	4/400 (1%)	Mean 1%	SD 1.51%	Total	4/400 (1%)	Mean 1%	SD 1.07%
#Skin: Liposarcoma	••••••							
·		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
#Skin: Myxosarcoma								
•		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
#Skin: Neural Crest Tumor								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Species: MICE Strain: B6C3F1 Route: INHALATION Vehicle: AIR

			Male				Female	
Skin:	<u> </u>	li (NOC)						
Neurofibrosarcoma or	Schwannoma (r	,	2/22 (22/)	2/22 (22/)		2/22 (22/)	0.750 (00.4)	
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Skin: Neurofibrosarcoma, N malignant or NOS)	eurofibroma, or	Schwannoma (benign,						
,		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Skin: Osteosarcoma		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
		` ,				,		
Skin: Sarcoma								
		0/50 (0%)	1/50 (2%)	1/50 (2%)		7/50 (14%)	0/50 (0%)	4/50 (8%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	2/50 (4%)	6/50 (12%)
		0/50 (0%)	1/50 (2%)	` '		2/50 (4%)	1/50 (2%)	` ,
verall Incidence	Total	4/400 (1%)	Mean 1%	SD 1.07%	Total	23/400 (5.75%)	Mean 5.75%	SD 5.06%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Mana

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
#Skin: Schwannoma Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/400 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/400 (0%)	0/50 (0%) Mean 0%	SD 0%
Skin:			•••••					•••••
Squamous Cell Carcinor	na	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
Squamous Cell Carcinor Basosquamous Tumor (NOS), or Carcinoma 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Squamous Cell Carcinor Basosquamous Tumor (i	malignant or N	NOS), or Carcinoma 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/400 (0%)	0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/50 (0%) 1/400 (0.25%)	0/50 (0%) 0/50 (0%) Mean 0.25%	0/50 (0%) SD 0.71%
Squamous Cell Carcinor Basosquamous Tumor (i Dverall Incidence #Skin:	malignant or N	NOS), or Carcinoma 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/400 (0%)	0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) SD 0%		0/50 (0%) 0/50 (0%) 1/400 (0.25%)	0/50 (0%) 0/50 (0%) Mean 0.25%	0/50 (0%) SD 0.71%
	malignant or N	NOS), or Carcinoma 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/400 (0%)	0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) SD 0%		0/50 (0%) 0/50 (0%) 1/400 (0.25%)	0/50 (0%) 0/50 (0%) Mean 0.25%	0/50 (0%) SD 0.71%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Species: MICE **Strain:** B6C3F1

Length of Study: CHRONIC

Route: INHALATION Vehicle: AIR

			Male				Female	
#Skin:								
Squamous Cell Papillon	na or Papillom							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
Skin:	••••••							
Squamous Cell Papillon Carcinoma or Keratoaca		Squamous Cell						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	2/400 (0.5%)	Mean 0.5%	SD 0.93%
014								
Skin: Squamous Cell Papillon	na, Papilloma,	or Keratoacanthoma						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
#Skin: Trichoepithelioma								
onocpinionoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	(070)		0/50 (0%)	0/50 (0%)	3,00 (0,0)
						5,55 (576)	0,00 (0,0)	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Report Date:11/17/2008

Species: MICE Strain: B6C3F1 Route: INHALATION Vehicle: AIR

			Male				Female	
#Skin: Sebaceous Gland: Adenoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)
overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
Skin: Sebaceous Gland: Carcinoma					•••••			
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
Skin: Sebaceous Gland: Carcinoma or Adenoma	•••••							
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
Spinal Cord: Meningioma Malignant								
5		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date: 11/17/2008

Length of Study: CHRONIC

Male Female *Spleen: **Fibrous Histiocytoma** 0/48 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)(0%)(0%)(0%)0/50 (0%)(0%)0/49 0/50 0/50 (0%)0/49 0/50 0/49 (0%)0/49 (0%)0/50 (0%)0/50 (0%)Mean 0% Mean 0% SD 0% Overall Incidence Total 0/395 (0%) SD 0% Total 0/398 (0%) *Spleen: Hemangioma 0/48 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)(0%)0/50 (0%)(0%)0/49 (0%)0/50 (0%)0/50 (0%)0/49 0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/49 **Overall Incidence** Total 0/395 (0%) Mean 0% SD 0% Total 0/398 (0%) Mean 0% SD 0% *Spleen: Hemangiosarcoma (4%)(0%)2/48 0/50 3/50 (6%)1/50 (2%)0/49 (0%)2/50 (4%)1/49 (2%)1/50 (2%) 1/50 (2%) 0/49 (0%)1/50 (2%)0/50 (0%)(2%)(2%)1/50 (2%) 1/50 1/49 1/49 (2%)**Overall Incidence** Total 10/395 (2.53%)Mean 2.54% SD 1.79% Total 6/398 (1.51%) Mean 1.5% SD 1.41% #Stomach, Forestomach: Mast Cell Tumor Malignant 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%) (0%)(0%)0/50 0/50 0/50 0/50 (0%)0/50 (0%)0/50 (0%)(0%)(0%)0/50 (0%)0/50 0/50 (0%)0/50 **Overall Incidence** Total 0/400 (0%) Mean 0% SD 0% Total 0/400 (0%) Mean 0% SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female			
#Stomach, Forestomach: Squamous Cell Carcinoma										
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	2/50 (4%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)		
Overall Incidence	Total	2/400 (0.5%)	Mean 0.5%	SD 1.41%	Total	2/400 (0.5%)	Mean 0.5%	SD 0.93%		
#Stomach, Forestomach:			•••••			•••••				
Squamous Cell Carcinoma	or Papillon									
		0/50 (0%)	1/50 (2%)	2/50 (4%)		0/50 (0%)	1/50 (2%)	1/50 (2%)		
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	1/50 (2%)		
		0/50 (0%)	0/50 (0%)			1/50 (2%)	1/50 (2%)			
Overall Incidence	Total	4/400 (1%)	Mean 1%	SD 1.51%	Total	6/400 (1.5%)	Mean 1.5%	SD 0.93%		
#Stomach, Forestomach:			•••••				•••••			
Squamous Cell Papilloma										
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	1/50 (2%)		
		0/50 (0%)	0/50 (0%)			1/50 (2%)	1/50 (2%)			
Overall Incidence	Total	2/400 (0.5%)	Mean 0.5%	SD 0.93%	Total	4/400 (1%)	Mean 1%	SD 1.07%		
#Stomach, Glandular: Adenoma			•••••		•••••	•••••	•••••	•••••		
Addiona		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)		
		0/50 (0%)	0/50 (0%)	3,00 (0,70)		0/50 (0%)	0/50 (0%)	3.30 (370)		
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%		
/veran moluciles	i Olai	0/400 (0/0)	IVICALI U/0	JD 0/0	i otal	1/400 (0.2570)	Weatt 0.23/0	3D 0.7170		

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE **Strain**: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male				Female	
#Stomach, Glandular: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
#Stomach, Glandular: Carcinoma or Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
*Testes: Adenoma							•••••	
		0/50 (0%)	1/50 (2%)	0/50 (0%)				
		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	2/400 (0.5%)	Mean 0.5%	SD 0.93%				
*Testes: Hemangiosarcoma								
_		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Route: INHALATION Vehicle: AIR

Female

Report Date:11/17/2008

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			Male	Female	
Thymus: Thymoma Malignant					
Triyinoma Mangham		0/38 (0%)	0/45 (0%) 0/38 (0%)	0/49 (0%) 0/49 (0%) 0/47 (0%)
		0/44 (0%)	1/42 (2%) 0/41 (0%)		0%)
		0/47 (0%)	0/47 (0%)	0/49 (0%) 0/48 (0%)	,
Overall Incidence	Total	1/342 (0.29%)	Mean 0.3% SD 0.84%	Total 0/390 (0%) Mean 0% SD 0%	0
Thymus:	••••••				
Thymoma: Benign, Mali	ignant, NOS				
		0/38 (0%)	0/45 (0%) 0/38 (0%)		0%)
		0/44 (0%) 0/47 (0%)	1/42 (2%) 0/41 (0%) 0/47 (0%)		0%)
Overall Incidence	Total	1/342 (0.29%)	0/47 (0%) Mean 0.3% SD 0.84%	0/49 (0%) 0/48 (0%) Total 0/390 (0%) Mean 0% SD 0%	ć
		` ,		Total 0/350 (0%) Weat 0% 3D 0%	
Thyroid Gland: Adenoma					
		0/49 (0%)	0/50 (0%) 0/50 (0%)		0%)
		0/49 (0%)	0/50 (0%) 0/50 (0%)		0%)
		0/49 (0%)	0/49 (0%)	0/50 (0%) 0/50 (0%)	_
verall Incidence	Total	0/396 (0%)	Mean 0% SD 0%	Total 0/398 (0%) Mean 0% SD 0%	Ó
Thyroid Gland: C-Cell: Carcinoma					
		0/49 (0%)	0/50 (0%) 0/50 (0%)		0%)
		0/49 (0%)	0/50 (0%) 0/50 (0%)		0%)
		0/49 (0%)	0/49 (0%)	0/50 (0%) 0/50 (0%)	
Overall Incidence	Total	0/396 (0%)	Mean 0% SD 0%	Total 1/398 (0.25%) Mean 0.25% SD 0.7	71%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male			Female
Thyroid Gland: C-Cell: Carcinoma or Adenoma						
		0/49 (0%) 0/49 (0%) 0/49 (0%)	0/50 (0%) 0/50 0/50 (0%) 0/50 0/49 (0%)	` ,	0/49 (0%) 0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/396 (0%)	(/	D 0% Total	1/398 (0.25%)	Mean 0.25% SD 0.71%
Thyroid Gland: Follicular Cell: Adenoma						
		0/49 (0%) 0/49 (0%) 0/49 (0%)	0/50 (0%) 0/50 0/50 (0%) 3/50 0/49 (0%)	` ,	0/49 (0%) 0/49 (0%) 2/50 (4%)	1/50 (2%) 0/50 (0%) 0/50 (0%) 3/50 (6%) 0/50 (0%)
Overall Incidence	Total	3/396 (0.76%)	Mean 0.75% SI	D 2.12% Total	6/398 (1.51%)	Mean 1.5% SD 2.33%
Thyroid Gland: Follicular Cell: Carcinoma						
		0/49 (0%) 0/49 (0%) 0/49 (0%)	0/50 (0%) 0/50 0/50 (0%) 0/50 0/49 (0%)	(/	0/49 (0%) 0/49 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 1/50 (2%)
Overall Incidence	Total	0/396 (0%)	Mean 0% SI	D 0% Total	3/398 (0.75%)	Mean 0.75% SD 1.04%
Thyroid Gland: Follicular Cell: Carcinoma or Adenoma	• • • • • • • • • • • • • • • • • • • •					
		0/49 (0%) 0/49 (0%) 0/49 (0%)	0/50 (0%) 0/50 0/50 (0%) 3/50 0/49 (0%)		0/49 (0%) 0/49 (0%) 2/50 (4%)	2/50 (4%) 0/50 (0%) 1/50 (2%) 3/50 (6%) 1/50 (2%)
Overall Incidence	Total	3/396 (0.76%)	` '	D 2.12% Total	9/398 (2.26%)	Mean 2.25% SD 2.25%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: INHALATION

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Report Date:11/17/2008

Species: MICE Strain: B6C3F1

Vehicle: AIR

			Male			Female
#Tissue NOS: Carcinoma						
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total 1/400 (0.25%)	Mean 0.25% SD 0.71%
#Tissue NOS: Hemangiosarcoma	• • • • • • • • • • • • • • • • • • • •					
, and the second		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total 0/400 (0%)	Mean 0% SD 0%
#Tissue NOS: Schwannoma Malignant	••••••					
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total 0/400 (0%)	Mean 0% SD 0%
#Tongue: Squamous Cell Carcinoma						
·		0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%	Total 0/400 (0%)	Mean 0% SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Species: MICE Strain: B6C3F1 Route: INHALATION Vehicle: AIR

			Male		Female
#Tongue: Squamous Cell Carcinoma	or Panillon	na Squamous			
Squamous cen caremona	от г аршоп	0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	1/400 (0.25%)	Mean 0.25% SD 0.71%	Total 1/400 (0.25%)	Mean 0.25% SD 0.71%
#Tongue: Squamous Cell Papilloma					
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0% SD 0%	Total 1/400 (0.25%)	Mean 0.25% SD 0.71%
#Tooth: Odontoma					
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 2/50 (4%) 0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	3/400 (0.75%)	Mean 0.75% SD 1.49%	Total 0/400 (0%)	Mean 0% SD 0%
*Urinary Bladder: Hemangioma					
-		0/47 (0%) 0/48 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/49 (0%)	0/50 (0%) 0/49 (0%) 0/50 (0%)	0/48 (0%) 0/50 (0%) 0/50 (0%) 0/49 (0%) 0/49 (0%)
Overall Incidence	Total	0/393 (0%)	Mean 0% SD 0%	Total 0/395 (0%)	Mean 0% SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied

IOII. NOV2006

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

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			Male			0/50 (0%) 0/48 (0%) 0/50 (0%) 0/49 (0%) 0/50 (0%) 0/49 (0%) 0/50 (0%) 0/49 (0%) al 0/395 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%)		
Urinary Bladder: Hemangiosarcoma								
		0/47 (0%) 0/48 (0%)	0/50 (0%)	0/50 (0%)		` ,	` ,	
		0/48 (0%) 0/49 (0%)	0/50 (0%) 0/49 (0%)	0/50 (0%)		` ,	` ,	0/49 (0%)
verall Incidence	Total	0/393 (0%)	Mean 0%	SD 0%	Total	` ,	` '	SD 0.71%
Jrinary Bladder: Sarcoma								
		0/47 (0%)	0/50 (0%)	0/50 (0%)		` ,	` ,	` ,
		0/48 (0%) 0/49 (0%)	0/50 (0%) 0/49 (0%)	0/50 (0%)		` ,	` ,	0/49 (0%)
verall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	()	()	SD 0%
Uterus:								
Adenoma						0/50 (0%)	0/50 (0%)	0/50 (0%)
								,
verall Incidence					Total	2/400 (0.5%)	Mean 0.5%	SD 0.93%
Jterus: Carcinoma				•••••				
						0/50 (0%)	3/50 (6%)	0/50 (0%)
						0/50 (0%)	1/50 (2%)	0/50 (0%)
verall Incidence					Tatal	0/50 (0%)	1/50 (2%)	SD 2.12%
Varali inclaanca					Total	5/400 (1.25%)	Mean 1.25%	SII 2 12%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Length of Study: CHRONIC

LATION

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Male			Female	
Uterus: Hemangioma				
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%
Uterus: Hemangiosarcoma				
•		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	1/50 (2%)
		0/50 (0%)	1/50 (2%)	
verall Incidence	Total	3/400 (0.75%)	Mean 0.75%	SD 1.04%
Uterus: Leiomyoma				
•		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	
verall Incidence	Total	1/400 (0.25%)	Mean 0.25%	SD 0.71%
Uterus: Leiomyosarcoma				
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	, ,
Overall Incidence	Total	2/400 (0.5%)	Mean 0.5%	SD 0.93%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Species: MICE Strain: B6C3F1 Route: INHALATION Vehicle: AIR

Male				Female	
EUterus:					
Polyp Stromal		0/50	(00()	0/50 (00/)	4/50 (00/)
		0/50 1/50	(0%)	3/50 (6%)	1/50 (2%)
		2/50	(2%) (4%)	3/50 (6%) 1/50 (2%)	3/50 (6%)
Overall Incidence	Total	14/400	(3.5%)	Mean 3.5%	SD 2.33%
			` ,		
			•••••		•••••
EUterus: Sarcoma Stromal					
Sarcoma Stromai		0/50	(0%)	0/50 (0%)	0/50 (0%)
		0/50	(0%)	1/50 (2%)	0/50 (0%)
		0/50	(0%)	0/50 (0%)	(070)
Overall Incidence	Total	1/400	(0.25%)	Mean 0.25%	SD 0.71%
			`		
tUterus:					
Sarcoma Stromal or Polyp Stromal					
		0/50	(0%)	3/50 (6%)	1/50 (2%)
		1/50	(2%)	4/50 (8%)	3/50 (6%)
		2/50	(4%)	1/50 (2%)	
Overall Incidence	Total	15/400	(3.75%)	Mean 3.75%	SD 2.71%
EUterus:					
Schwannoma Malignant					
-		0/50	(0%)	0/50 (0%)	0/50 (0%)
		0/50	(0%)	0/50 (0%)	0/50 (0%)
		0/50	(0%)	0/50 (0%)	
Overall Incidence	Total	0/400	(0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION

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Report Date:11/17/2008

Length of Study: CHRONIC

Vehicle: AIR

			Male				Female	
#Vagina: Squamous Cell Carcinoma	I							
						0/50 (0%)	0/50 (0%)	0/50 (0%)
						0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence					Total	0/400 (0%)	Mean 0%	SD 0%
#Vagina:								
Squamous Cell Papilloma						0/50 (0%)	0/50 (0%)	0/50 (0%)
						0/50 (0%)	0/50 (0%)	0/50 (0%)
						0/50 (0%)	0/50 (0%)	,
Overall Incidence					Total	0/400 (0%)	Mean 0%	SD 0%
#Zymbal's Gland: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%
#Zymbal's Gland: Carcinoma or Adenoma								
Caronionia di Adenonia		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	05 00/		0/50 (0%)	0/50 (0%)	00.00/
Overall Incidence	Total	0/400 (0%)	Mean 0%	SD 0%	Total	0/400 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically #: Denominator is number of animals necropsied